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| FORM PTO 1390<br>(REV 10-2003)   |   | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY'S DOCKET NUMBER<br>43225-62465AUSP                         |
| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A FILING UNDER 35 U.S.C. 371 |   |   | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br><b>10/509212</b> |
| INTERNATIONAL APPLICATION NO.<br>PCT/US03/10844  | INTERNATIONAL FILING DATE<br>9 April 2003 | PRIORITY DATE CLAIMED<br>12 April 2002                  |   |
| TITLE OF INVENTION LOW MOLECULAR WEIGHT COPOLYMER OF ETHYLENE AND VINYL AROMATIC MONOMER AND USES THEREOF                  |   |   |   |
| APPLICANT(S) FOR DO/EO/US Robert K. Rosen et al.   |   |   |   |

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing 35 U.S.C. 371.
- ☐ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
- ☒ The US has been elected (Article 31).
- ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - ☐ is attached hereto (required only if not communicated by the International Bureau).
  - ☐ has been communicated by the International Bureau.
  - ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☐ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
  - ☐ is attached hereto.
  - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - ☐ are attached hereto (required only if not communicated by the International Bureau).
  - ☐ have been communicated by the International Bureau.
  - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - ☐ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
- ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
- ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

- ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☐ A preliminary amendment.
- ☒ An Application Data Sheet under 37 CFR 1.76.
- ☐ A substitute specification.
- ☐ A power of attorney and/or change of address letter.
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
- ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- ☒ Other items or information: Return Receipt Postcard; Certificate of Express Mailing

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|--|--|---|---------------------|--|-----------|--|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.5)<br><b>10/509212</b>  |  | INTERNATIONAL APPLICATION NO.<br>PCT/US03/10844 |                     | ATTORNEY'S DOCKET NUMBER<br>43225-62465AUSP  |           |  |
| 21. <input checked="" type="checkbox"/> The following fees are submitted:<br><b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) – (5)):</b><br><input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$1080.00<br><input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$920.00<br><input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$770.00<br><input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$730.00<br><input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00<br><br><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b><br>Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)). |  |   |                     | <b>CALCULATIONS</b> PTO USE ONLY<br><br><table border="1" style="width:100%; border-collapse: collapse;"> <tr><td style="height: 100px;"></td></tr> </table> |           |  |
|  |  |   |                     |  |           |  |
|  |  |   |                     | \$ 920.00  |           |  |
|  |  |   |                     | \$   |           |  |
| <b>CLAIMS</b>  |  | <b>NUMBER FILED</b>                             | <b>NUMBER EXTRA</b> | <b>RATE</b>  |           |  |
| Total claims   |  | 14-20 =   |                     | x  | \$        |  |
| Independent claims   |  | 2-3 =   |                     | x  | \$        |  |
| MULTIPLE DEPENDENT CLAIM(s) (if applicable)  |  |   |                     | +  | \$        |  |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |  |   |                     |  | \$ 920.00 |  |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.   |  |   |                     |  | \$        |  |
| <b>SUBTOTAL =</b>  |  |   |                     |  | \$ 920.00 |  |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).   |  |   |                     |  | \$        |  |
| <b>TOTAL NATIONAL FEE =</b>  |  |   |                     |  | \$ 920.00 |  |
| Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property  |  |   |                     | +  | \$        |  |
| <b>TOTAL FEES ENCLOSED =</b>   |  |   |                     |  | \$ 920.00 |  |
|  |  |   |                     | <b>Amount to be refunded:</b>  | \$        |  |
|  |  |   |                     | <b>charged:</b>  | \$        |  |
| a. <input checked="" type="checkbox"/> A check in the amount of \$ 920.00 to cover the above fees is enclosed.<br>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.<br>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 10-0447. A duplicate copy of this sheet is enclosed.<br>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.  |  |   |                     |  |           |  |
| <b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.</b><br>SEND ALL CORRESPONDENCE TO:<br>Margaret A. Boulware<br>JENKENS & GILCHRIST, A PROFESSIONAL CORPORATION<br>5 Houston Center<br>1401 McKinney, Suite 2600<br>Houston, Texas 77010<br>(713) 951-3375<br>CUSTOMER NUMBER: 24238  |  |   |                     |  |           |  |
|  |  |   |                     | SIGNATURE: <u><i>Constance M. Pielech</i></u><br>Constance M. Pielech<br>NAME<br>46,991<br>REGISTRATION NUMBER   |           |  |

Application No. (if known): N/A

Attorney Docket No.: 43225-62465AUSP

**Certificate of Express Mailing Under 37 CFR 1.10**

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV519968483US in an envelope addressed to:

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Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office;  
Inventor's Declaration;  
Application Data Sheet;  
Check in the amount of \$920.00;  
Return receipt postcard